

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400  
Facsimile: (703) 836-2787



28748  
**PATENT APPLICATION**

Attorney Docket No.: 111935

**AMENDMENT TRANSMITTAL**

In re the Application of

Group: 2871

Yasushi YAMAZAKI et al.

Application No.: 10/073,871

Filed: February 14, 2002

Docket No.: 111935

For: ACTIVE-MATRIX LIQUID CRYSTAL DISPLAY WITH LINE/COLUMN INVERSION DRIVES, AND ELECTRONIC DEVICE THEREFOR

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Entitlement to small entity status is hereby asserted.  
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL CLAIMS	*28 MINUS	**26	=2
INDEP CLAIMS	*10 MINUS	***8	=2
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			

SMALL  
ENTITY

RATE	ADD'L FEE
x 9	\$
x 42	\$
+ 140	\$
	\$

OTHER THAN A  
SMALL ENTITY

RATE	ADD'L FEE
x 18	\$ 36
x 84	\$ 168
+ 280	\$
	\$ 204

OR

OR

- \* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- ☒ Check No. 130400 in the amount of \$204.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

DEPOSIT ACCOUNT USE  
AUTHORIZATION  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

Respectfully submitted,

James A. Oliff  
Registration No. 27,075

Thomas J. Pardini  
Registration No. 30,411

JAO:TJP/zmc

Date: May 2, 2002

RECEIVED  
MAY - 6 2002  
TECHNOLOGY CENTER 2800



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Group: 2871

Yasushi YAMAZAKI et al.

Application No.: 10/073,871

Filed: February 14, 2002

Docket No.: 111935

For: ACTIVE-MATRIX LIQUID CRYSTAL DISPLAY WITH LINE/COLUMN  
INVERSION DRIVES, AND ELECTRONIC DEVICE THEREFOR

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 10-15 and 22-26 as follows:

10. (Amended) An electronic device having an active-matrix liquid crystal display comprising:

an active matrix substrate for fabricating a first group of pixel electrodes that are aligned in a prescribed direction and are supplied with picture signals of a first polarity, and a second group of pixel electrodes that are aligned to adjoin with the first group of pixel electrodes respectively and are supplied with picture signals of a second polarity;

an opposite substrate that is arranged oppositely to the active matrix substrate;

a liquid crystal layer having a positive dielectric anisotropy that is held between the active matrix substrate and the opposite substrate; and

a first orientation film that is formed on a surface of the active matrix substrate by effecting an orientation process in a first orientation direction (Ra) in relation to alignment directions of the first and second groups of pixel electrodes, so that a pre-tilt angle ranging

#76/B  
PRE-AMEND  
J. McQuinn  
5/23/02

RECEIVED  
MAY - 6 2002  
TECHNOLOGY CENTER 2800